


Schedule of Accreditation

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United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>Accredited to ISO 15189:2012</p>	St George's University Hospitals NHS Foundation Trust Issue No: 003 Issue date: 01 May 2021	
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Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN TISSUES AND FLUIDS	<u>Immunological examination activities for the purpose of clinical diagnosis</u>	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
Blood	ANA (Autoimmune disorders, Connective Tissue Disorders) CCP (Rheumatoid Arthritis) Vasculitis panel (PR3/MPO/GBM) (Wegeners and Vasculitides)	SOP IMM358, 359 using Biorad Bioplex 2200 automated Luminex platform that measures multiple analytes simultaneously
Blood	LKS (Autoimmune hepatitis) HP2 (Anti-nuclear antibody) ANCA (Vasculitis) Crithidia (SLE)	SOP IMM081, 127, 047, 032, 347, 061 Slide processor ASP1200, immunofluorescence microscopy



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Immunological examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
Blood	Special panel (SKLM/Card/Adrenal/Phemigoid/Pu rk/ovary/IS) (Myasthenia Gravis, Addison disease, pemphigous and pemphigoid, Paraneoplastic syndromes, Autoimmune Ovarian failure, autoimmune diabetes). Endomysial antibodies Neuronal antibodies	SOP IMM081, 127, 047, 032, 347, 061 Slide processor ASP1200, immunofluorescence microscopy
Blood	PHIB (Vaccination response) M2 antibodies (PBC) Quantiferon testing (TB) ASCA (Colitis) Intrinsic Factor Abs (Pernicious Anaemia) TSH Receptor Abs (Graves' Disease)	SOP IMM226, 229, 230, 009, 256, 204, 287, 288. DS2 ELISA processor, automated ELISA platform
Blood	IgG (Immune monitoring) IgA IgM C3 C4 Ig subclasses (i-iv) A1AT C1 esterase level Free light chains (Multiple Myeloma) RF (Rheumatoid Arthritis) Caeruloplasmin	SOP IMM 236, 237 Using Siemens BNII Measurement of specific proteins in serum by rate nephelometry



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<p>HUMAN TISSUES AND FLUIDS (cont'd)</p> <p>Blood</p> <p>Urine Serum Serum Serum</p> <p>Blood (unless otherwise stated)</p>	<p><u>Immunological examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>CD4 (T-helper enumeration) Lymphocyte subsets (TD/BD) to include: CD3+ total T Cells % Absolute T Cells CD 8 + Cytotoxic T Cells % Absolute cytotoxic T Cells CD4+ Helper T Cells Absolute T Helper Cells CD 19+ Total B Cells% Absolute total B cells CD16/56+ NK cells % Absolute CD16/56 + NK cells</p> <p>FMH estimation (Haemolytic Disease of the Newborn)</p> <p>Bence-Jones protein IMEP PPC IMFX</p> <p>Total IgE Level (allergic state) Specific IgE (specific allergic level) to include: Storage mite Almond Alternaria alternata Amoxicillin Ampicillin</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>SOP IMM 331, 332, 167, 059, 329, 330, 321 Using Becton Dickinson FacsCanto Flow cytometer :</p> <p>SOP IMM 036, 212, 314, 213 Using Sebia capillarys (Capillary zone electrophoresis) and Sebia Hydrasys 2 by immunofixation :</p> <p>Electrophoresis Paraprotein Quantification Immunofixation</p> <p>SOP IMM268, 316, 269, 317, 337 using Phadia 250 using chemiluminescent method based on fluorochromes:</p>



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<p>HUMAN TISSUES AND FLUIDS (cont'd)</p>	<p><u>Immunological examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Specific IgE (specific allergic level) to include:</p> <p>Anchovies Anisakis Apple Apricot R Api m 1, Honey Bee R Api m 10 Icarapin, Honey Bee rAra h1 Peanut rAra h2 Peanut rAra h3 Peanut rAra h8 PR-10 Peanut rAra h9 LTP Peanut Asparagus Aspergillus fumigatus Aspergillus niger Aspergillus terreus Aubergine Augmentin Avocado Baked beans Banana Barley Beef Beetroot Berries Birch Birds Black peppercorns Blackberry Blueberry Brazil nut Broccoli Bromelin Brussel sprouts Cabbage Candida albicans Caraway seed Cardamon Carrot</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>SOP IMM268, 316, 269, 317, 337 using Phadia 250 using chemiluminescent method based on fluorochromes:</p>



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<p>HUMAN TISSUES AND FLUIDS (cont'd)</p>	<p><u>Immunological examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Specific IgE (specific allergic level) to include:</p> <ul style="list-style-type: none"> Cashew nut Cat Dander Cauliflower Cefaclor Celery Cereals Cheese Cherry Sweet chestnut Chick pea Chicken meat Chilli pepper Cinnamon Ciprofloxacin Citrus Fruits Cholrhexidine Chocolate (cacao) Cladosporum herbarum Clam Clove Cockroach Coconut Cod Coffee Hazelnut Coriander Corn Crab Crayfish Cucumber Cultivated wheat pollen Curry (santa maria) Dates Dog dander Dust mix Egg white Egg yolk Farmers lung precipitins 	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>SOP IMM268, 316, 269, 317, 337 using Phadia 250 using chemiluminescent method based on fluorochromes:</p>



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<p>HUMAN TISSUES AND FLUIDS (cont'd)</p>	<p><u>Immunological examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Specific IgE (specific allergic level) to include:</p> <ul style="list-style-type: none"> Feather mix Fennel seed Fenugreek Fig Fish mix Flour Flower pollen Food mix Fox epithelium Fruit mix 1 Fungal spores Garlic Gelatine Ginger Gluten Goats milk Grape Grass mix 1 Green Beans Grey alder Guinea pig epithelium Haddock Hamster Epithelium Hay Hazel nut Herbs Herring Honey Honey bee venom Honeycomb Horse dander House dust mite Hummus Human insulin Jackfruit Kidney bean Kiwi Lactose 	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>SOP IMM268, 316, 269, 317, 337 using Phadia 250 using chemiluminescent method based on fluorochromes:</p>



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<p>HUMAN TISSUES AND FLUIDS (cont'd)</p>	<p><u>Immunological examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Specific IgE (specific allergic level) to include:</p> <p>Lamb Latex Legumes Lemon Lentil Lepidoglyphus Lettuce Lime Linseed Lobster Lupine seed Macadamia nut Mackerel Maize Malt Mandarin Mango Meat mix Melon Milk Morphine Mosquito Mould Mugwort Mushroom Mussel Mustard Mutton Nut mix Nut mix 2 Oat Octopus Olive (black) Olive tree pollen Omega 5 Gliadin Onion Orange nGal d 1 Ovomucoid, egg</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>SOP IMM268, 316, 269, 317, 337 using Phadia 250 using chemiluminescent method based on fluorochromes:</p>



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<p>HUMAN TISSUES AND FLUIDS (cont'd)</p>	<p><u>Immunological examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Specific IgE (specific allergic level) to include:</p> <p>Oyster Papaya Paprika/sweet pepper Parrot Feathers Pea Peach Peanut Pear Pecan nut Pen G Pen V Penicillium notatum Pine pollen Pine nut Pineapple Pistachio Pityrosporum orbiculare Plants Plum Poppy seed Pork Potato Peach Pumpkin Pumpkin seed Rabbit meat Rape pollen Raspberry Rat epithelium Rice Rye Saffron Salmon Sardine/pilchard Scallop Sesame seed Sheep epithelium Sheeps Whey</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>SOP IMM268, 316, 269, 317, 337 using Phadia 250 using chemiluminescent method based on fluorochromes:</p>



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<p>HUMAN TISSUES AND FLUIDS (cont'd)</p>	<p><u>Immunological examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Specific IgE (specific allergic level) to include:</p> <p>Shrimp Silver birch Soybean Spice (mixed) Spinach Spruce pollen Squid Staphylococcal enterotoxin A Staphylococcal enterotoxin B Straw Strawberry Sunflower Seed Suxamethonium Sweetcorn Sycamore/London plane pollen Tea Timothy grass Tomato Tree mix Tuna Turkey meat Vegetable mix Wasp Walnut Wasp Venom Watermelon Weed mix Wheat White bean White pine Willow pollen Yeast</p> <p>TTG antibodies (Coeliac Disease) Anticardiolipin antibodies (Anti-Phospholipid Syndrome) Tryptase (Anaphylaxis). IgG to Aspergillus and Avian antigens</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>SOP IMM268, 316, 269, 317, 337 using Phadia 250 using chemiluminescent method based on fluorochromes:</p>



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<p>HUMAN TISSUES AND FLUIDS (cont'd)</p> <p>DNA extracted from Whole Blood</p> <p>Blood</p>	<p><u>Molecular examination activities for the purpose of clinical diagnosis</u></p> <p>HLA B27 (Ankylosing Spondylitis) Factor V Leiden Prothrombin Gene Mutation JAK2</p> <p>C1 esterase function (HAE)</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>SOP IMM 294, 263, 293, 295, 265, 313, 266, 220. Using Roche light cycler to visualise single point mutation, and conventional PCR and agarose gel by electrophoresis for JAK2:</p> <p>SOP IMM 045, 248 Using Manual ELISA</p>
END		